

Product Datasheet

Isotherm3G DNA Polymerase 8701

Product Name Isotherm3G DNA Polymerase

Catalog Number #8701

Description Isotherm3G DNA Polymerase is a mesophilic DNA polymerase, which synthesizes DNA from both DNA and RNA templates with a high strand displacement activity allowing simplified one-enzyme RT-LAMP reactions. It exhibits 5' to 3' polymerase activity but lacks any exonuclease activity. The product components have been optimized and are perfectly suited for loop-mediated isothermal amplification (LAMP) with optimal reaction temperature at 65°C.

The product is available also in bulk quantities with custom fillings and can be produced customized for example in a lyo-ready formulation.

For more information, please check :
Isotherm3G DNA Polymerase

Tested Applications Isothermal

Brand myPOLS Biotec

Storage -20°C

Content 1 600 U: 8U/μl, 1x 200μl Isotherm3G DNA Polymerase; 1x 1ml 10x Isotherm3G reaction buffer

8 000 U: 8U/μl, 1x 1ml Isotherm3G DNA Polymerase; 3x 1ml 10x Isotherm3G reaction buffer